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8 the conductive member and the bottom member are connected to
9 each other in a place other than the signal line or the feeding point.

1 5. (Amended) An antenna comprising:

2 a conductive bottom member;

3 a conductive side member; and

4 a conductive member arranged in a space surrounded by the bottom
5 member and the side member.

6 wherein the conductive member is connected to a signal line for
7 transmission and/or reception; and

8 the conductive member and the side member are connected to each
9 other.

1 6. (Amended) An antenna comprising:

2 a conductive bottom member;

3 a conductive side member; and

4 a conductive member arranged in a space surrounded by the bottom
5 member and the side member,

6 wherein the conductive member is connected to a signal line for
7 transmission and/or reception; and

8 a conductive ceiling member covering all or part of the space.

1 3A. (Amended) The antenna according to claim ²/₆, wherein the
2 conductive member and the ceiling member are connected to each other
3 electrically.

1 10. (Amended) An antenna comprising:

2 a conductive bottom member;

3 a conductive side member; and

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Sub B27

K2 Sub B37

a

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4 a conductive member arranged in a space surrounded by the bottom
5 member and the side member,

6 wherein the conductive member is connected to a signal line for
7 transmission and/or reception, and

8 at least one of the bottom member and the side member have
9 openings.

1 ~~10~~ 13. (Amended) The antenna according to claim 11, wherein a
2 projection of the conductive member onto the bottom member is an origin point
3 and the bottom member is arranged in an X-Y plane, the bottom member and the
4 side member are symmetric with respect to a Z-Y plane, and the openings are
5 symmetrically arranged with respect to a Z-Y plane.

1 Sub 847
2 15. (Amended) An antenna comprising:
3 a conductive bottom member;
4 a conductive side member; and
5 a conductive member arranged in a space surrounded by the bottom
6 member and the side member,

7 wherein the conductive member is connected to a signal line for
8 transmission and/or reception; and

9 a dielectric member that has a permittivity higher than air is
provided in the space.

1 ~~10~~ 19. (Amended) An antenna comprising:
2 a conductive bottom member;
3 a conductive side member; and
4 a conductive member arranged in a space surrounded by the bottom
5 member and the side member,

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6 wherein the conductive member is connected to a signal line for
7 transmission and/or reception; and

8 at least one matching element is arranged apart by a predetermined
9 distance from the conductive member, wherein the matching element and the
10 bottom member are connected to each other electrically.

1 ~~18~~ 21. (Amended) The antenna according to claim ~~18~~, wherein at
2 least one of the matching elements is electrically connected to at least one of the
3 ceiling member and the side member.

4 ~~16~~ Sub B6 22. (Amended) An arrangement method of antennas, each
5 antenna including a conductive bottom member, a conductive side member, and
6 a conductive member arranged in a space surrounded by the bottom member and
7 the side member, wherein the conductive member is connected to a signal line
8 for transmission and/or reception,

9 the method comprising a step of aligning and arranging the plural
10 antennas in a manner to produce a direction for minimizing directivity of each of
the antennas on a horizontal plane.

1 ~~20~~ 23. (Amended) An antenna comprising:

2 a conductive bottom member;

3 a conductive side member; and

4 a conductive member arranged in a space surrounded by the bottom
5 member and the side member,

6 wherein the conductive member is connected to a signal line for
7 transmission and/or reception; and

8 a circuit for transmission and/or reception connected to the signal
9 line and arranged in the space.

10 ~~22~~ 25. (Amended) The antenna device according to claim ~~24~~,
1 wherein the shielding member is formed as a concave portion that is part of at
2 least one of the bottom member and the side member; and
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all or part of the circuit is arranged in the concave portion.

23/26. (Amended) The antenna device according to claim 25, further comprising a lid member which covers the concave portion and stores all or part of the circuit, wherein the lid member is electrically connected to at least one of the bottom member and the side member.

Please add claims 40-43.

31/40. (Newly Added) An antenna comprising:
a conductive bottom member;
a conductive side member; and
a conductive member arranged in a space surrounded by the bottom member and the side member,
wherein the conductive member is connected to a signal line for transmission and/or reception,
the bottom member has a feeding point on a surface thereof, and
the conductive member and the bottom member are connected to each other in a place other than the signal line or the feeding point.

41. (Newly Added) The antenna according to claim 6, including a dielectric member that has a permittivity higher than air is provided in the space.

42. (Newly Added) The antenna according to claim 6, including at least one matching element which is arranged apart by a predetermined distance from the conductive member, wherein the matching element and the bottom member are connected to each other electrically.

43. (Newly Added) The antenna according to claim 6, including a circuit for transmission and/or reception connected to the signal line and arranged in the space.